

WHAT IS CLAIMED IS:

1. A method for measuring quality of service over a network, the method comprising:

transmitting from a server to a client a mobile program and a plurality of first  
5 identifiers representing a plurality of first target hosts accessible to the client over the network,  
the mobile code being executable in a client application and capable of measuring one or more  
quality of service parameters of communications between the client and each of the first target  
hosts; and

receiving at the server from the mobile program data representing a plurality of  
10 quality of service parameters measured by the mobile program from communications between  
the client and the first target hosts.